

**Project Name:** Modernize the Uniform Fiscal System

**OCIO Project #:**

**Department:** Developmental Services

**Revision Date:** 9/13/10

## Concept Statement

### Description

#### Brief description of the proposed project:

The Uniform Fiscal System (UFS) in use by DDS for the past twenty three years is outdated and difficult to maintain. The language it was written in, RPG, is used by few departments and programmers are difficult to find. We have had to rely heavily on contractors to perform most of the needed changes. As changes have been made over the years, non-standard methods were used by some programmers, and the programs are increasingly difficult to maintain and update. The application needs a complete rewrite using more modern techniques and languages.

### Need Statement

#### High Level Functional Requirements:

Existing RPG programs which rely heavily on old coding techniques will have to be brought up to date or re-written; user interfaces will need to be reworked to move from "green screen" to a graphical user interface (web).

#### What is Driving This Need?

The base UFS application was written in 1987 by Arthur Anderson consulting services. Over the years the programs have been migrated from S/36 to AS400 – running in S36 mode – and then modified to run in AS400 "Native" environment. New i520 hardware was purchased in 2006 and 2007, and programs were again migrated. Enhancements have been made to the UFS code and more modern RPG and CL programming techniques were utilized, but a large portion of the programs have never been updated. As a result, several of the most complex RPG programs in UFS are nearly impossible to maintain because of their outdated use of indicators and from adherence to the "RPG Program Cycle" logic. In order to bring the Uniform Fiscal System up to date the user interfaces need to be updated from green screens and screen scraping applications. More importantly, the programming logic and database need to be updated to make use of more modern techniques.

#### Risk to the Organization if This Work is Not Done:

Continued reliance on contractors to perform programming changes.  
Inability to make quick changes to the system when new legislation is enacted  
The possibility new changes may break existing sections of code

## CA - PMM

Project Name: Modernize the Uniform Fiscal System

OCIO Project #:

Department: Developmental Services

Revision Date: 9/13/10

# Concept Statement

## Benefit Statement

### Intangible Benefits

**Process Improvements** (describe the nature of the process improvement):

**Other Intangible Benefits:**

### Tangible Benefits

**Revenue Generation** (describe how revenue will be generated):

**Cost Savings** (describe how cost will be reduced):

## CA - PMM

**Project Name:** Modernize the Uniform Fiscal System

**OCIO Project #:**

**Department:** Developmental Services

**Revision Date:** 9/13/10


## Concept Statement

**Cost Avoidance** (describe the cost and how avoided):

**Risk Avoidance** (describe the risk and how avoided):

**Improved Services:**

### Consistency

"No" Responses 		Rationale	Action Required
Enterprise Architecture			
Business Plan			
Strategic Plan			

### Impact to Other Agencies

#### Nature of Impact to Other Agencies

**Agency:**

*Describe the nature of the impact:*

**Project Name:** Modernize the Uniform Fiscal System

**OCIO Project #:**

**Department:** Developmental Services

**Revision Date:** 9/13/10

## Concept Statement

**Agency:**

*Describe the nature of the impact:*

**Agency:**

*Describe the nature of the impact:*

**Agency:**

*Describe the nature of the impact:*

## CA - PMM

**Project Name:** Modernize the Uniform Fiscal System

**OCIO Project #:**

**Department:** Developmental Services

**Revision Date:** 9/13/10

# Concept Statement

## Solution Alternatives

### Alternative 1:

### Technical Considerations for Alternative 1:

ROM Cost:

to

Note: high end of range must not exceed 200% of low end of range

### Alternative 2:

### Technical Considerations for Alternative 2:

ROM Cost:

to

Note: high end of range must not exceed 200% of low end of range

### Alternative 3:

## CA - PMM

**Project Name:** Modernize the Uniform Fiscal System

OCIO Project #: \_\_\_\_\_

Department: Developmental Services

Revision Date: 9/13/10

## Concept Statement

--

### Technical Considerations for Alternative 3:

--

ROM Cost: \_\_\_\_\_ to \_\_\_\_\_

**Note: high end of range must not exceed 200% of low end of range**

## Recommendation

### Comparison:

Alternative 1	ROM Cost	Risk
	\$0 - \$0	
Alternative 2	ROM Cost	Risk
	\$0 - \$0	
Alternative 3	ROM Cost	Risk
	\$0 - \$0	

### Conclusions:

1	
2	
3	
4	

## CA - PMM

**Project Name:** Modernize the Uniform Fiscal System  
**OCIO Project #:** \_\_\_\_\_  
**Department:** Developmental Services  
**Revision Date:** 9/13/10

## Concept Statement

**Recommendation:**


### Project Approach *(if known)*

<b>System Complexity:</b>			System Business Hours: <i>(e.g., 24x7, 9am-5pm)</i> :		
Architecture	<input type="checkbox"/> Mainframe	<input type="checkbox"/> Client Server	<input checked="" type="checkbox"/> Web Based		Num. of New Databases: _____
Technology	<input type="checkbox"/> New	<input checked="" type="checkbox"/> New to Staff	<input type="checkbox"/> In-House Experience		Interfaces: _____
Implementation	<input type="checkbox"/> Central Site	<input checked="" type="checkbox"/> Phased Roll-out			Num. of Sites: _____
M & O Support	<input checked="" type="checkbox"/> Contractor	<input checked="" type="checkbox"/> Data Center	<input type="checkbox"/> Project	<input checked="" type="checkbox"/> In House	
Procurement Approach:					Number of Procurements: _____
Open Procurement?		Delegated Procurement?			
Scope of Contract	<input type="checkbox"/> Development	<input type="checkbox"/> Implementation	<input type="checkbox"/> M & O	<input type="checkbox"/> Other: _____	
Anticipated Length of Contract:		Years / _____ extensions for _____ years			